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**INFORMATION DISCLOSURE
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(Use several sheets if necessary)

Applicant **Richard D. Cummings, et al.**

Filing Date **Herewith**

Group **1644**

U. S. PATENT DOCUMENTS

EXAM INIT.		PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
P6	AA	3	6	2	5	2	1	4	12/07/1971	Higuchi	128	260	
	AB	3	9	9	5	4	4	4	12/07/1976	Clark et al.	62	306	
	AC	4	4	9	4	3	8	5	01/22/1985	Kuraoka et al.	62	306	
	AD	4	7	8	3	3	3	0	11/08/1988	Furie et al.	424	1.1	
	AE	4	8	4	9	5	1	3	07/18/1989	Smith et al.	536	27	
	AF	4	9	0	6	4	7	4	03/06/1990	Langer et al.	424	428	
	AG	4	9	2	5	6	7	3	05/15/1990	Steiner et al.	424	455	
	AH	5	1	1	4	8	4	2	05/19/1992	Plow et al.	424	85.8	
	AI	5	1	3	5	9	1	6	08/04/1992	Sims et al.	514	21	
	AI2	5	1	9	8	4	2	4	03/30/1993	McEver et al.	514	13	
	AJ	5	2	1	1	9	3	6	05/18/1993	Brandley et al.	424	1.1	
	AK	5	2	4	0	8	3	3	08/31/1993	Nudelman et al.	435	70.21	
	AK2	5	3	7	8	4	6	4	01/03/1995	McEver et al.	424	143.1	
	AK3	5	4	6	4	7	7	8	11/07/1995	Cummings et al.	436	503	
	AL	5	7	6	7	2	4	1	06/16/1998	McEver	530	350	
	AM	5	8	2	7	8	1	7	10/27/1998	Larsen et al.	514	2	
	AN	5	8	4	3	7	0	7	12/01/1998	Larsen et al.	435	69.1	
	AO	5	8	5	2	1	7	5	12/22/1998	Cummings et al.	530	388	
	AP	5	8	8	0	0	9	1	03/09/1999	Cummings et al.	514	8	
	AQ	5	9	1	9	6	3	7	07/06/1999	McEver	435	7.21	
	AQ2	5	9	2	9	0	3	6	07/27/1999	McEver	514	25	
	AQ3	6	1	7	7	5	4	7	01/23/2001	Cummings et al	530	388. 22	

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

EXAM INIT.		DOCUMENT NUMBER							PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	Translation		
													YES	NO	
	AR	0	1	5	3	8	9	6	09/04/1985	EPO					
	AS	9	1	0	6	6	3	2	05/16/1991	PCT					

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FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

EXAM INIT.		DOCUMENT NUMBER							PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	Translation	
		YES	NO											
	AT	9	1	0	7	9	9	3	06/13/1991	PCT				
	AU	9	1	1	9	5	0	1	12/26/1991	PCT				
	AV	9	2	0	1	7	1	8	02/06/1992	PCT				
	AW	9	2	1	6	6	1	2	10/01/1992	PCT				
	AX	9	3	0	5	8	0	3	04/01/1993	PCT				
	BA	9	4	1	1	4	9	8	05/26/1994	PCT				
	BB	9	5	3	0	0	0	1	11/09/1995	PCT				

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BC	Aruffo et al., "CD62/P-Selectin Recognition and Myeloid and Tumor Cell Sulfatides", <u>Cell</u> , 67:35-44 (1991).
BD	Aulabaugh et al., "Conformational Analysis of Bombesin Analogues", <u>Peptides</u> , 526-528 (1990).
BE	Battistutta et al. "Circular Dichroism and ¹ H NMR Studies on Bombolitin-related Peptides in Aqueous Solution Containing SDS Micelles", <u>Peptides</u> 525-526 (1992).
BF	Beckstead et al., "Immunohistochemical Localization of Membrane and α -Granule Proteins in Human Megacaryocytes: Application to Plastic-Embedded Bone Marrow Biopsy Specimens", <u>Blood</u> , 67:285-293 (1986).
BG	Bevilacqua et al., "Identification of an Inducible Endothelial Leukocyte Adhesion Molecule", <u>Proc. Natl. Acad. Sci. USA</u> , 84:9238-9242 (1987).
BH	Bevilacqua et al., "Endothelial Leukocyte Adhesion Molecule 1: An Inducible Receptor for Neutrophils Related to Complement Regulatory Proteins and Lectins", <u>Science</u> , 243:1160-1165 (03/03/89)
BI	Bienvenu et al., "Molecular Determinants of Shear Rate-Dependent Leukocyte Adhesion in Postcapillary Venule", <u>The American Physiology Society</u> , H1504-H1508 (1993).
BJ	Bierhuizen et al., "Expression of a Differentiation Antigen and Poly-N-acetyllactosaminyl O-glycans Directed by a Cloned Core 2 β -1,6-N-Acetylglucosaminyltransferase", <u>The Journal of Biological Chemistry</u> 269(6):4473-4479 (1994).
BK	Bonfanti et al., "PADGEM (GMP140) Is a Component of Weibel-Palade Bodies of Human Endothelial Cells", <u>Blood</u> 73:1109-1112 (1989).
BL	Borman S., "Glycotechnology Drugs Begin to Emerge from the Lab", <u>C&EN</u> 27-34 (June 28, 1993).
BM	Bowen et al., "Characterization of a Human Homologue of the Murine Peripheral Lymph Node Homing Receptor," <u>J. Cell Biol.</u> , 109:421-427 (July 1989).
BN	Brandley et al., "Carbohydrate Ligands of the LEC Cell Adhesion Molecules", <u>Cell</u> , 63:861-863.
BO	Brockmeyer et al., "Distribution of Cell Adhesion Molecules (ICAM-1, VCAM-1, ELAM-1 in Renal Tissue During Allograft Rejection", <u>Transplantation</u> 55:610-615 (1993).
BP	Burgen et al., "Binding of Flexible Ligands to Macromolecules", <u>Nature</u> , 253:753-755 (1975).
BQ	Butrum et al., "Selectin-Mediated Rolling of Neutrophils on Immobilized Platelets", <u>Blood</u> , 83:1165-1174 (1993).
BR	Colman et al., "Three-Dimensional Structure of a Complex of Antibody with Influenza Virus Neuraminidase", <u>Nature</u> , 326:358-363 (1987).
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BT	Cummings R., Untitled paper prepared at the University of Oklahoma Health Sciences Center, March 23, 1995.
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	BX	Dorfman et al., "Human Transcription Factor GATA-2", <u>J. Biol. Chem.</u> , 267:1279-1285 (1992).
	BY	Dunlop et al., "Characterization of GMP-140 (P-selectin) as a Circulating Plasma Protein", <u>J. Exp. Med.</u> , 175:1147-1150 (1992).
	BZ	Edwards et al., "The Role of Leukocytes in the Activation of Blood Coagulation", <u>Seminars in Hematology</u> , 29:202-212 (1992).
	CA	Engleberts et al., "Generalized Inflammation During Peritonitis Evidenced by Intracutaneous E-Selectin Expression", <u>Clinical Immunology and Immunopathology</u> , 65:330-334 (1992).
	CB	Engelberts et al., "A Role for ELAM-1 in the Pathogenesis of MOF during Septic Shock", <u>Journal of Surgical Research</u> , 53:136-144 (1992).
	CC	Franklin T., "Binding Energy and the Activation of Hormone Receptors", <u>Pharmacology</u> , 29:853-856 (1980).
	CD	Fukuda et al., "Structures of Sialylated Fucosyl Polylactosaminoglycans Isolated from Chronic Myelogenous Leukemia Cells", <u>J. of Biol. Chem.</u> , 260(24):12957-12967 (1985).
	CE	Fukushi et al., "Novel Fucolipids Accumulating in Human Adenocarcinoma", <u>J. of Biol. Chem.</u> , 259(16):10511-10517, (1984).
	CF	Fuggle et al., "Variation in Expression of Endothelial Adhesion Molecules in Pretransplant and Transplanted Kidneys-Correlation with Intragraft Events", <u>Transplantation</u> , 55:117-123 (1993).
	CG	Gamble et al., "Prevention of Activated Neutrophil Adhesion to Endothelium by Soluble Adhesion Protein GMP140", <u>Science</u> , 249:414-417 (1990).
	CH	Geng et al., "Lectin Domain Peptides from Selectins Interact with Both Cell Surface Ligands and Ca ²⁺ Ions", <u>J. Biol. Chem.</u> , 267:19846-19853 (1992).
	CI	Geng et al., "Rapid Neutrophil Adhesion to Activated Endothelium Mediated by GMP-140", <u>Nature</u> 343:757-760 (1990).
	CJ	Gibbons et al., "New Mechanisms and Intermediates in the Folding and Unfolding of Peptides and Proteins: Bioactive solution Conformation of Linear Peptides", <u>Peptides</u> , 508-509 (1990).
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	CL	Grober et al., "Monocyte-Endothelial Adhesion in Chronic Rheumatoid Arthritis", <u>J. Clin. Invest.</u> , 91:2609-2619 (1993).
	CM	Hakomori S., "Aberrant Glycosylation in Cancer Cell Membranes as Focused on Glycolipids: Overview and Perspectives", <u>Cancer Research</u> , 45:2405-2414 (1985).
	CN	Hamburger et al., "GMP-140 Mediates Adhesion of Stimulated Platelets to Neutrophils", <u>Blood</u> , 75:550-554 (1990).
	CO	Handa et al., "Selectin GMP-140 (CD62; PADGEM) Binds to Sialosyl-Le ^a , and Sulfated Glycans Modulate this Binding", <u>Biochemical and Biophysical Research Communications</u> , 181:1223-1230 (1991).
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	CS	Hemmerich et al., "Structure of the O-Glycans in BlyCAM-1, and Endothelial-derived Ligand for L-selectin", <u>The Journal of Biological Chemistry</u> 270(20):12035-12047 (1995).
	CT	Hoff et al., "Increased Expression of Sialyl-Dimeric Le ^a Antigen in Liver Metastases of Human Colorectal Carcinoma", <u>Cancer Research</u> , 49:6883-6888 (1989).
	CU	Hollengaugh et al., "Interaction of P-Selectin (CD62) and Its Cellular Ligand: Analysis of Critical Residues" <u>Biochemistry</u> , 32:2960-2966 (1993).
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	CW	Jewell et al., "Cytokine Induction of Leucocyte Adhesion Molecules-1 (LAM-1) Expression on Chronic Lymphocytic Leukaemia Cells", <u>LEUKEMIA</u> 6(5):400-404 1992).
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11	CY	Johnston et al., "Cloning of GMP-140, a Granule Membrane Protein of Platelets and Endothelium: Sequence Similarity to Proteins Involved in Cell Adhesion and Inflammation", <i>Cell</i> , 56:1033-1044 (1989).
	CZ	Johnston et al., "Structural and Biosynthetic Studies of the Granule Membrane Protein, GMP-140, from Human Platelets and Endothelial Cells", <i>The Journal of Biological Chemistry</i> , 264:1-8 (1989).
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	DZA	McEver et al., "A Monoclonal Antibody to a Membrane Glycoprotein Binds Only to Activated Platelets", <u>The Journal of Biological Chemistry</u> , 259(15):9799-9804 (1984).
	DZB	McEver R., "Properties of GMP-140, an Inducible Granule Membrane Protein of Platelets and Endothelium", <u>Blood Cells</u> , 16:73-83 (1990).
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	EE	Moore et al., "Identification of a Specific Glycoprotein Ligand for P-Selectin (CD62) on Myeloid Cells", <u>The Journal of Cell Biology</u> , 118(2):445-456 (1992).
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	EN	Norton et al., "Expression of Adhesion Molecules in Human Intestinal Graft-Versus-Host Disease," <u>Clin. Exp. Immunol.</u> , 87:231-236, (1992).
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	EQ	Paik et al., "Nucleotide Sequence and Structure of the Human Apolipoprotein E Gene," <u>Proc. Natl. Acad. Sci. USA</u> , 82:3445-3449, (May 1985).
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	ES	Pan et al., "Identification of a Promoter Region in the Human GMP-140 Gene that Confers Tissue-Specific Expression," <u>Blood</u> , 78(10):279a, (1991).
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	EV	Phillips et al., "ELAM-1 Mediates Cell Adhesion by Recognition of a Carbohydrate Ligand, Sialyl-Le", <u>Science</u> 250:1130-1132 (1990).
	EW	Polley et al., "CD62 and Endothelial Cell-Leukocyte Adhesion Molecule 1 (ELAM-1) Recognize the Same Carbohydrate Ligand, Sialyl-Lewis x", <u>Proc. Natl. Acad. Sci. USA</u> , 88:6224-6228 (1991).
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	EY	Rinder et al., "Cardiopulmonary Bypass Induces Leukocyte-Platelet Adhesion," <u>Blood</u> , 79(5):1201-1205, (Mar 1, 1992).

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U. S. PATENT DOCUMENTS

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M		EP 03 02 2227		European Search Report; McEVER ET AL.	07/30/2004		
M		WO 92/07572		Univ Michigan; LOWE	05/14/1992		
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	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
<i>N</i>	LO-GUIDICE ET AL., "Sialylation and Sulfation of the Carbohydrate Chains in Respiratory Mucins from a Patient with cystic Fibrosis", <i>Journal of Biological Chemistry</i> , Vo. 269, No. 29, July 22, 1994, pp. 18974-18813, XP002022672.
<i>M</i>	MOORE ET AL., "The P-selectin Glycoprotein Ligand from Human Neutrophils Displays Sialylated, Fucosylated, O-Linked Poly-N-acetyllactosamine", <i>Journal of Biological Chemistry</i> , vo. 269, No. 37, Sept. 16, 1994, pp. 23318-23327, XP002022674.
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